

Comparisons of Job Characteristics

Focus Occupation: [Farmers and Ranchers \(11-9012\)](#)

Associated Occupation: [Farmworkers and Laborers, Crop, Nursery, and Greenhouse \(45-2092\)](#)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 59

Focus Occupation: Farmers and Ranchers (11-9012)

Associated Occupation: Farmworkers and Laborers, Crop, Nursery, and Greenhouse (45-2092)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Production and Processing	6.0	6.8	9.8	>> Current knowledge level is likely more than sufficient
Food Production	2.1	5.0	13.6	>> Current knowledge level is likely more than sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 67

Focus Occupation: Farmers and Ranchers (11-9012)

Associated Occupation: Farmworkers and Laborers, Crop, Nursery, and Greenhouse (45-2092)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Operation and Control	5.4	7.9	12.7	>> Skill level is likely more than sufficient
Equipment Maintenance	3.5	4.9	10.0	>> Skill level is likely more than sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities

Similarity of Focus Occupation to Associated Occupation: 75

Focus Occupation: Farmers and Ranchers (11-9012)

Associated Occupation: Farmworkers and Laborers, Crop, Nursery, and Greenhouse (45-2092)

Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Control Precision	6.6	10.6	13.6	>>	Current ability level is likely more than sufficient
Multilimb Coordination	6.0	10.3	12.5	>	Current ability level is likely sufficient
Static Strength	5.0	10.0	11.9	>	Current ability level is likely sufficient
Trunk Strength	5.7	10.0	8.8	<	Some improvement in abilities may be required
Extent Flexibility	4.8	9.0	7.6	<	Some improvement in abilities may be required
Stamina	4.0	7.8	7.6	0	Current ability level may be sufficient
Dynamic Strength	3.5	7.4	7.6	0	Current ability level may be sufficient
Speed of Limb Movement	3.2	6.2	6.9	>	Current ability level is likely sufficient
Glare Sensitivity	2.6	5.9	6.4	0	Current ability level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 89

Focus Occupation: Farmers and Ranchers (11-9012)

Associated Occupation: Farmworkers and Laborers, Crop, Nursery, and Greenhouse (45-2092)

Work Activities	Exclusivity of Activity
Direct and coordinate activities of workers or staff	3
Drive automobile, van, or light truck	53
Drive truck with capacity greater than 3 tons	72
Examine animals to detect illness, disease, or injury	81
Follow horticulture irrigation techniques	87
Identify crop characteristics	75
Identify fruit or vegetable or crops ready for harvest	87
Identify livestock characteristics	81
Maintain or repair farm vehicles, machinery, or mechanical implements	81
Operate agricultural equipment or machinery	81
Operate tractor with accessories or attachments	76
Package goods for shipment or storage	62
Perform safety inspections in agricultural, forestry, or fishing setting	77
Plant, cultivate, or harvest crops, including aquaculture	80
Recognize disease or parasites in animals	72
Recognize plant diseases	72
Use hand or power tools	2
Use herbicides, fertilizers, pesticides or related products	71
Use plant disease control techniques	75

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: 87

Focus Occupation: Farmers and Ranchers (11-9012)

Associated Occupation: Farmworkers and Laborers, Crop, Nursery, and Greenhouse (45-2092)

Tools and Technologies	Exclusivity
Agricultural machinery for harvesting	35
Agricultural machinery for planting and seeding	33
Agricultural machinery for soil preparation	35
Audio and visual equipment	4
Computers	1
Content authoring and editing software	1
Conveyors and accessories	18
Data management and query software	1
Dispensing tools	6
Dispersing and spraying appliances for agriculture	26
Earth moving machinery	11
Forming tools	2
Garden tools	12
Holding and clamping tools	3
Industrial drying equipment	33
Information exchange software	1
Ladders and scaffolding	6
Network applications software	1
Passenger motor vehicles	13
Power tools	2
Product and material transport vehicles	13
Specialized and recreational vehicles	17
Weight measuring instruments	7

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.